

Notice No. 2

Rules and Regulations for the Classification of Ships, July 2015

The status of this Rule set is amended as shown and is now to be read in conjunction with this and prior Notices. Any corrigenda included in the Notice are effective immediately.

Issue date: August 2015

Amendments to	Effective date
Part 5, Chapter 2, Section 2	1 September 2015

Part 5, Chapter 2

Reciprocating Internal Combustion Engines

■ Section 2 Materials and Components

2.2 Material test and inspections

(Part only shown)

Table 2.2.1 Test and certification requirements for engine components

Part	Materials Tests				Component Tests		LR Component Certification
	Material Properties (1)	Surface Inspection (2)	Ultrasonic Inspection	LR Material Certification (3)	Hydraulic testing (5) (All Engines)	Visual inspection	
Cylinder liner	Bore >300mm	All -	All -	a	7,0 bar	-	X
Cylinder cover	Bore >300mm	Bore >400mm	All (5) see NOTE 17	a	7,0 bar see NOTE (7)	V	X
Connecting rod assembly	MAll	All +CD	Bore >400mm	a	-	V+D	X
NOTES: 17. Cylinder covers manufactured from spheroidal or nodular graphite iron castings may not be suitable for ultrasonic NDE, depending upon the grain size and geometry. An alternative NDE procedure is to be agreed with LR.							

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Published by Lloyd's Register Group Limited
Registered office (Reg. no. 08126909)
71 Fenchurch Street, London, EC3M 4BS
United Kingdom

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